

CLIMATOLOGICAL DATA FOR FEBRUARY, 1911.

DISTRICT NO. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

Between that part of the district with elevations of more than 2,000 feet and the portions below that elevation there was an unusually marked difference in weather conditions. Mild weather and considerable cloudiness attended by more than the seasonal amount of precipitation prevailed in the lower elevated territory; while in most of the higher country the temperatures were below the February normal; the sunshine was abundant, and, except over the mountains, the precipitation was deficient. Outdoor work in Kansas, Iowa, and Missouri was interfered with by the wet weather, and in Montana and North Dakota very little could be done on the Government irrigation projects on account of the low temperatures. In the remainder of the district the conditions were more favorable for outdoor occupations than they usually are in February.

TEMPERATURE.

All of the stations in that part of the drainage area lying in Colorado, Wyoming, Montana, and North Dakota had temperatures below zero. In South Dakota there were some stations in the Black Hills and in the extreme southeastern part of the State at which the lowest thermometer readings were zero or slightly above, but in the remainder of the State the weather was colder. The lowest temperatures for the month in the lower part of the drainage area ranged from 16° above to 15° below zero. There were four periods of cold weather, but none covered the entire district. The first one, on the 2d, affected North Dakota principally. The second was more general, but was felt to a greater extent in Iowa than in any other State west of the Mississippi River. On the 21st the third covered South Dakota, Nebraska, Kansas, and Missouri, while the last one, on the 28th, was confined to Montana and Wyoming. The lowest temperature of the month was 40° below zero, on the 28th, at Grayling, Mont., and Crazy Creek, Wyo. On the 1st a decided atmospheric depression, with its center in the Missouri Valley just above Kansas City, gave warm southerly winds over a large part of Missouri and eastern Kansas, and at some of the stations in this area the high temperature record for February was broken. In Montana, Wyoming, Colorado, and Nebraska the highest temperatures occurred on the 11th and 12th. The other warm periods were rather local. The highest temperature of the month was 87° at Arthur, Mo., on the 1st. The departures from the normal temperature for the month ranged from a daily excess of 11.5° at Bedford, Iowa, to a daily deficiency of 9.6° at Havre, Mont.

PRECIPITATION.

The precipitation was above the normal in the mountains of Montana, Wyoming, and Colorado, in the Black Hills, eastern South Dakota, eastern Nebraska, Kansas, Iowa, and Missouri. The region of the greatest amounts embraced the western half of Missouri, eastern Kansas, southeastern Nebraska, and southern Iowa. Some of the stations in this area had more than four times as much

snow and rain as is usual in February. From the 2,000-foot contour, which may be described as a line running in a generally north and south direction and dividing the Dakotas and Nebraska into east and west halves, to the base of the mountains there was a slight deficiency in the precipitation. In Montana, Wyoming, and North Dakota the amounts were well distributed through the month. In Colorado there were local falls of snow during the first seven days and fairly general falls from the 16th to the 19th and from the 25th to the 27th. There was snow throughout the district, and on the 19th it was particularly heavy in that part of the drainage area lying below Omaha. At the end of the month, however, no snow remained on the ground, except in the extreme western and northwestern sections. The heaviest monthly precipitation was 7.45 inches at Unionville, Mo., and the heaviest in 24 consecutive hours was 3.30 inches at Fort Scott, Kans. The heaviest monthly snowfall was 43 inches at Elk Mountain, Wyo.

MOUNTAIN SNOWFALL.

Montana.—The February snowfall was above the normal over the greater portion of the Main Range and the Gallatin, Judith, Bridger, Little Belt, and Crazy Mountains. It was comparatively light, as a rule, in the Beartooth, Tobacco Root, Snowy, Madison, and Ruby ranges. The temperature conditions were exceptionally favorable for solidifying and conserving the snow in the higher mountains. The warm days during the first part of the month reduced the snow in most places to almost the consistency of ice, but the thawing was not sufficient to cause loss by run-off. At the close of February practically the entire snowfall of the preceding four months remained on the ground, and it is the consensus of opinion that unless the spring months should be abnormally warm there will be an abundant supply of water for irrigation and other purposes.—*R. F. Young, Section Director.*

Wyoming.—The depth of snow in the mountain districts of the State was not materially increased during the month, as the new fall hardly more than compensated for the settling of that which was on the ground at the close of January. However, the water prospect is better now, as the snow is settled and packed and is in good condition to be conserved till late summer. While there seems to be less snow than usual over the eastern slope of the Big Horns, good depths exist in the higher portions of those mountains, and the ice in the streams is thicker than usual. Good depths have accumulated in the Medicine Bow and Sierra Madre Mountains at the headwaters of the Laramie and Platte Rivers. An increase of 15 inches in depth was reported from an elevation of 10,500 feet in the Medicine Bow Mountains.—*W. S. Palmer, Section Director.*

Colorado.—The last half of February was stormy, and valuable additions to the stock of snow in the mountains were made on all watersheds. The fall, as shown by the records at the observation stations, was above the normal for February in the region drained by the South Platte,

except in the western part of Estes Park. As a whole the snow is loosely packed on the eastern slope. The snow scales on the South Platte watershed showed an average depth of 21 inches at the end of the month; this is 6 inches more than was on the ground at the same time last year. Over the North Platte watershed the average depth was 22 inches, or 2 inches more than at the same time last year.—*F. H. Brandenburg, District Forecaster.*

South Dakota.—The snow on the ground at the end of the month ranged in depth from 6 to 24 inches in the more elevated portions of the Black Hills.—*S. W. Glenn, Section Director.*

RIVERS.

The streams above the 3,000-foot contour were low or frozen throughout the month. In the lower elevated

country, where the precipitation was greater and the weather mild, the stages were quite normal. There was very little floating ice; in the Mississippi opposite St. Louis light ice, that caused no inconvenience, was running from the 21st to the 25th, inclusive.

MISCELLANEOUS PHENOMENA.

Auroras were observed in the upper portion of the drainage area on the 2d, 21st–24th, 26th, and 27th. On the night of the 14th at about 9 p. m. a brilliant meteor was observed at several stations in southeastern South Dakota. In the lower portion of the drainage area thunderstorms were rather more frequent than is usual in February.

CORRECTION TO DECEMBER, 1910.

The 2 illustrations hereunder were inadvertently omitted from the paper, "Are the Springs Colder Now?" by George Reeder, Section Director, Weather Bureau, District No. 6, December, 1910.

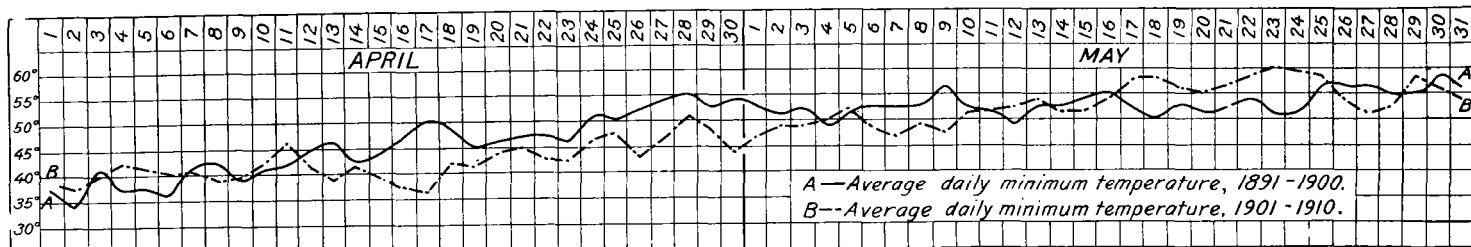


FIG. 1.

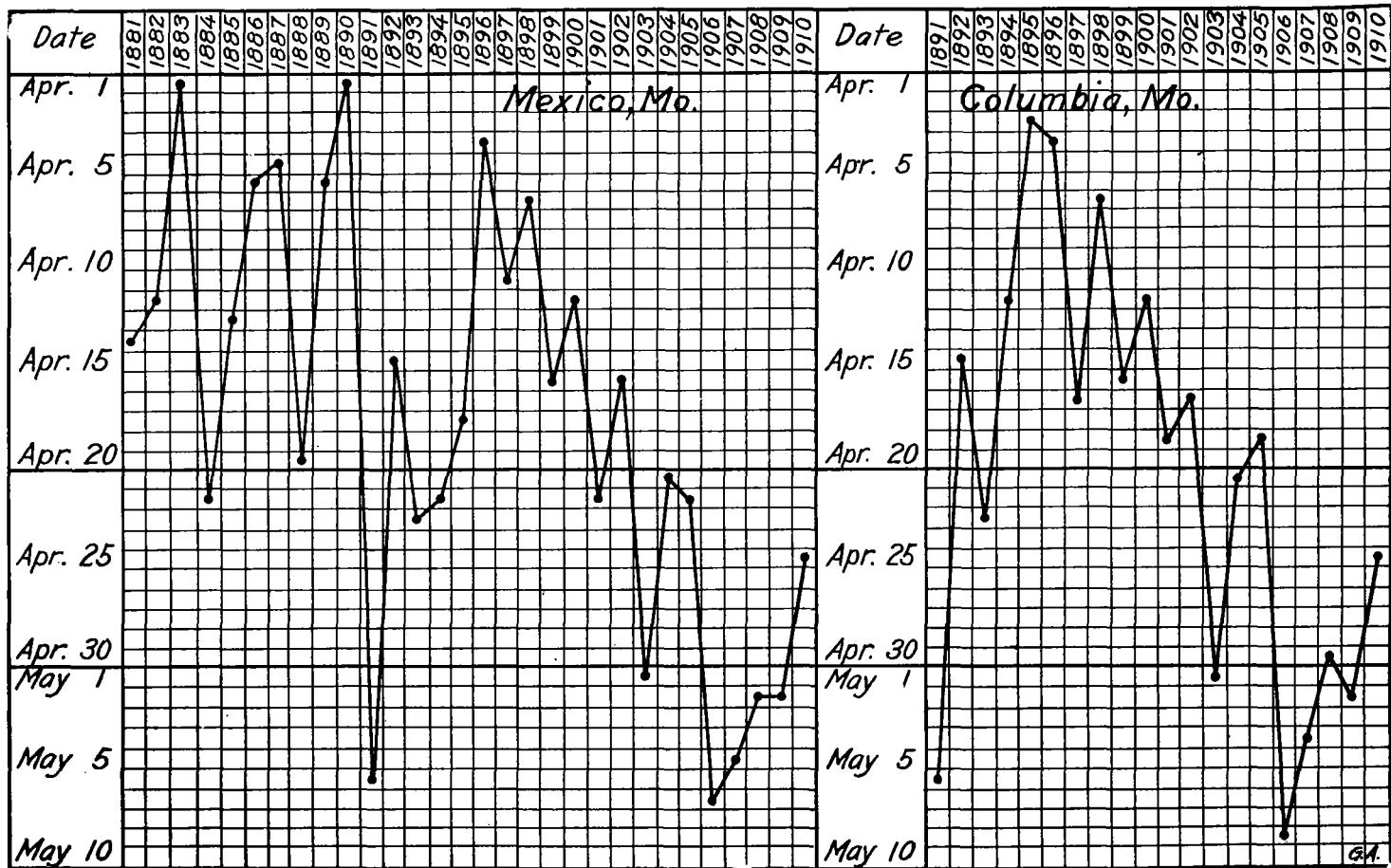


FIG. 2.—Last date on which freezing temperature occurred.

TABLE 1.—Climatological data for February, 1911. District No. 6, Missouri Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing direction of wind.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeasured.	Number of rainy days 0.1 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	
<i>Wyoming.</i>																			
Arapahoe.	Fremont.	2																	
Barnum.	Johnson.	5,500	6																
Basin.	Bighorn.	3,862	12	24.8	+ 4.9	56	12	- 7	22	44	0.27	- 0.15	0.10	5.0	3	18	6	4	nw.
Bennett.	Carbon.	2																	s.
Big Creek.	.do.	7,500																	w.
Casper.	Natrona.	5,101	2	23.3		57	12	- 11	22	44	0.64	- 0.09	0.34	15.5	5	8	9	11	sw.
Centennial.	Albany.	8,074	8	19.2		42	11	- 12	21	33	1.81	- 0.10	0.80	14.0	3	20	10	3	w.
Cheyenne.	Laramie.	6,088	40	24.8	- 1.5	56	11	- 13	21	37	0.56	- 0.00	0.60	17.6	14	9	4	15	w.
Chugwater.	.do.	5,282	10	25.9	- 1.6	56	1	- 13	22	39	0.60	- 0.15	0.30	6.0	3				w.
Clark.	Bighorn.	4,320	5	26.6		51	11	- 1	28	34	0.16		0.05	1.5	4	13	10	5	w.
Cody.	.do.	5,000	4	29.0		54	11	- 4	28	44	1.40		T.	0	8	11	9	w.	
Crazy Creek.	.do.	6,828		8.8		39	1	- 40	28	71	0.25		0.13	5.0	4	16	4	8	nw.
Dome Lake.	Sheridan.	8,821	3	15.1		40	24	- 5	24†	45	0.95		0.20	9.5	7	17	2	9	sw.
Douglas.	Converse.	4,793	2	20.0		55	11	- 22	20	44	0.45		0.28	5.8	5				
Dubois.	Fremont.	6,909	4	18.9		41	10†	- 26	28	59	0.80		0.30	8.0	6	11	13	2	nw.
Eatons Ranch.	Sheridan.	4,600	6	24.6		55	11	- 7	28	49	2.10		1.20	21.0	5	23	4	1	nw.
Echeta.	Crook.	4,200																	s.
Elk Mountain.	Carbon.	6																	
Encampment.	.do.	7,322	2	19.8		48	10	- 5	18†	42	0.99		0.40	8.0	8				sw.
Erway.	Natrona.	6,400	21	0.0		52	5	- 20	22	40	0.79		0.40	15.0	6	13	7	8	sw.
Fort Laramie.	Laramie.	4,270	33	27.2	0.0	64	11	- 7	22	44	0.66	+ 0.15	0.26	16.0	4	13	12	3	w.
Gillette.	Crook.	4,546	5	23.3		50	1	- 1	21	47	0.49		0.18	4.0	3	16	6	6	w.
Hunters Station.	Johnson.	8,000	5	19.8		43	1	- 8	21†	41	0.57		0.28	9.0	4	16	6	6	sw.
Hyattville.	Bighorn.	4,632	12	26.6	+ 1.5	52	11	- 4	28	40						17	0	11	
Jireh.	Converse.	5,050	1																n.
Kirtley.	.do.	7	24.0	0.0		56	11	- 15	21	39	0.19	- 0.12	0.16	4.0	2	15	8	5	w.
Knowles.	Crook.	4,500																	
La Grange.	Laramie.	4,510	1																
Lander.	Fremont.	5,372	19	18.5	- 3.3	50	11	- 16	23	40	2.32	+ 1.67	0.81	27.5	8	14	7	3	sw.
Laramie.	Albany.	7,188	20	22.5	+ 0.8	45	11	- 3	23	41	0.15	- 0.12	0.10	1.5	2	21	3	4	sw.
Leo.	Bighorn.	6,878	10																
Lolabama Ranch.	.do.	7,052	7	17.8	- 1.8	39	11	- 22	28	49	0.25	- 0.14	0.15	1.5	2	18	5	5	w.
Lovell.	.do.	3,825	6	23.8	- 0.2	55	11	- 7	22†	46	T.		T.	0	18	5	5	n.	
Manville.	Converse.	5,050	1																sw.
Moore.	Albany.	6,000	10	24.0	- 3.6	60	1	- 18	21	39	0.72	+ 0.20	0.13	8.0	11	11	7	10	w.
Newcastle.	Weston.	4,319	4	24.0		54	2	- 3	21	39	0.70		0.40	7.0	4	13	10	5	n.
Pathfinder.	Natrona.	5,735	5	22.9	- 1.9	48	1	- 4	17†	30	0.32	- 0.11	0.11	8.0	4	21	0	7	sw.
Phillips.	Laramie.	4,900	8																
Powell.	Bighorn.	4,376	4	23.8		53	11	- 7	28	43	0.00		0.00	0	0	21	5	2	w.
Rawlins.	Carbon.	6,748	9	18.2	- 4.7	42	1	- 14	27	39	2.10	+ 1.27	0.52	25.2	11	18	4	6	w.
Saratoga.	.do.	6,785	13	18.5	- 3.1	43	11	- 18	18	43	0.50	- 0.44	0.17	12.5	7	12	5	7	sw.
Sheridan.	Sheridan.	3,790	16	20.4	- 0.5	52	11	- 20	28	47	0.40	- 0.32	0.23	5.5	6	11	9	8	nw.
Shoshone Dam.	Bighorn.	5,385	5	27.2		54	24	- 2	28	38	T.		T.	0	19	7	7	sw.	
Soldiers Home.	Johnson.	4,635	19	25.2	+ 1.3	53	11	- 6	28	34	1.10	+ 0.54	0.40	11.0	6	19	9	0	nw.
South Pass City.	Fremont.	7,873	9	11.0		38	11	- 27	17	53	2.19		0.70	24.1	12	15	6	7	sw.
Thermopolis.	.do.	4,350	7	25.4	+ 2.5	55	11	- 20	28	48	0.45		0.19	5.0	5	20	4	4	sw.
Upton.	Weston.	2																	
Valley.	Bighorn.	6,500																	
Verona.	Sheridan.	4,360	2																
Waints Ranch.	Carbon.	7,400	1																
Woodrock.	Sheridan.	7,400																	
Worland.	Bighorn.	24.0				56	11	- 10	28	45	0.15		0.12	1.8	2	17	5	6	sw.
Wyncote.	Laramie.	4,207	4	28.4		63	11	- 6	21†	46	0.12		0.12	3.0	1	20	3	5	nw.
Yellowstone Park.	Yellowstone Park.	6,200	23	14.6	- 5.0	36	11	- 13	27	39	1.09	- 0.75	0.32	11.4	7	11	5	12	s.
Fountain.	.do.	7,220	5	11.6		41	4	- 22	22	52	0.91		0.31	7.0	4	24	1	3	se.
Gallatin.	.do.																		
Grand Canyon.	.do.	7,900	4	5.0		33	1	- 36	28	60	1.12		0.29	15.5	3	17	5	6	sw.
Lake Yellowstone.	.do.	7,733	7	5.5		28	5	- 32	28	52	0.96		0.29	10.5	6	19	0	9	s.
Norris.	.do.	7,525	7	10.0		42	9	- 33	28	73	0.60		0.30	11.0	2	14	7	7	sw.
Riverside.	.do.	6,500	5	11.6		37	11	- 30	9†	61	1.90		1.50	19.0	3	23	0	5	s.
Soda Butte.	.do.	7,000	6	11.0		39	1	- 24	22	45	0.50		0.30	4.0	3	16	11	1	sw.
Sylvan Pass.	.do.	7,000	4	13.8		37	28	- 25	28	59	T.		T.	0	19	2	7	sw.	
Thumb.	.do.	7,772	5	8.6		37	28	- 25	17	50	1.51		0.60	20.0	5	22	1	5	nw.
Tower Falls.	.do.	6,250	2	15.8		45	1	- 24	23	58	1.00		0.66	1.0	3	24	0	4	sw.
Upper Geyser Basin.	.do.	7,395	7	3.6		37	26	- 34	24	58	0.84		0.60	12.0	4	22	2	4	sw.
<i>Montana.</i>																			
Adams.	Dawson.	3	11.7			35	24	- 19	3	42	1.27		0.60	12.7	3	21	2	5	nw.
Adel.	Cascade.	5,200	13	20.5	- 0.9	47	4†	- 19	2	50	3.25	+ 2.19	1.80	31.5	8	19	3	6	w.
Agricultural College.	Gallatin.	4,700	14	17.4	- 4.7	47	11	- 10	28	33	0.33	- 0.34	0.15	4	12	9	6	se.	
Augusta.	Lewis and Clark.	4,071	13	17.6	- 5.1	48	11	- 23	1	57	0.70	+ 0.25	0.20	7.0	5	13	9	6	w.
Babb.	Teton.	4,461	5	18.6		43	11	- 22	2	56	1.87		0.65	33.8	7	13	12	3	sw.
Bald Butte.	Lewis and Clark.	6,500	2	5.0		37	11	- 30	9†	61	1.90		0.22	13.7	9	11	10	7	sw.
Bigtimber.	Sweet Grass.	4,072	5	23.3		52	15	- 16	28	41	1.64		0.90	11.0	4	18	4	6	w.
Bigtimber Creek.	.do.	2																	
Billings §§.	Yellowstone.	3,115	16	17.9	- 7.3	45	10	- 9	23	45	0.08	- 0.38	0.04	3					w.
Boulder Nursery.	.do.																		
Bowen.	Beaverhead.	6,006	5	1.6		33	1	- 37	28	43	0.29		0.10	4.6	6	18	3	7	n.
Brider.	Carbon.	3,664	3	23.1		54	11	- 11	28	49	0.01		0.01	0.5	1	11	8	9</	

TABLE 1.—Climatological data for February, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing direction of wind.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unthawed.	Number of partly cloudy days.	Number of cloudy days.	Number of clear days.			
<i>Montana—Continued.</i>																				
Dillon	Beaverhead	5,147	14	27.2	+ 0.6	44	4†	- 11	28	42	1.23	+ 0.50	0.50	10.7	10	16	7	5	sw.	
Dirty Creek	Mesgher	6,000	2								0.72		0.53	12.0	4	20	2	6	w.	
Dry Creek	Broadwater	5,500	2								1.47		0.30	14.7	9	9	13	6	sw.	
Dry Wolf Camp	Cascade	6,000	2								0.57		0.41	11.7	6	4	4	4	sw.	
East Gallatin River	Gallatin	6,000	3								0.81		0.29	18.5	8	17	5	6	w.	
Ekalaka	Custer	11	25.8	+ 7.8	52	12	- 5	20†	35	T.	- 0.52	T.	- 0.07	7.0	4	14	9	5	nw.	
Elkhorn	Jefferson	6,576	3								0.26		1.20	17.0	4	17	7	4	n.	
Evans	Cascade	4,900	4	21.8		48	11	- 18	21†	48	1.70		0.05	0.5	1	22	5	1	nw.	
Fallon	Custer	2,208	7	7.2		39	14	- 24	21	49	0.05		0.75	29.7	7					
Fish Creek §	Silver Bow	8,500	2	15.0		36	9	- 14	28	44	1.86		0.31	8.1	9	13	9	6	nw.	
Flathead Creek	Gallatin	6,000	2	18.7		67	12	- 17	28	48	1.08		0.31	T.	T.	10*	3*	6*	e.	
Forsyth	Rosebud	2,514	6	12.2		44	12	- 19	19	54	T.		0.40	10.0	4	10	2	2	n.	
Fort Benton	Chouteau	2,630	32	15.1	- 6.9	42	12†	- 32	27	48	1.00	+ 0.54	0.40	9.2	4	14	7	5	sw.	
Fort Shaw	Cascade	3,500	23	19.5	- 5.1	50	11	- 21	28	52	0.52	+ 0.02	0.20	16	1	11	1	1	w.	
Fort Harrison §§	Lewis and Clark	4,004	8	17.8		37	11	- 7	27†	37			0.05	0.8	2	18	5	5	nw.	
Foster	Yellowstone	2	15.2			43	5	- 22	28	47	0.08									
Garnell	Fergus	5,500	3																	
Glasgow	Valley	2,092	15	5.4	- 4.0	35	12	- 23	21†	46d	0.60	+ 0.09	0.56	6.4	2					
Glendive	Dawson	2,069	21	11.7†	- 1.0	39	12	- 17	21	39†										
Goldbutte	Chouteau	4	14.8			42	10	- 20	2	47	0.30		0.10	9.0	7	10	13	5	w.	
Graham	Custer	6	24.3			54	11†	- 12	28	45	0.06		0.03	1.6	3	12	10	6	sw.	
Grayling	Gallatin	6,700	6	7.9		35	11	- 40	28	62	0.60		0.23	9.0	3	11	11	6	n.	
Great Falls	Cascade	3,350	20	20.8	- 4.2	51	11	- 15	28	56	1.04	+ 0.49	0.54	12.0	6	11	13	4	ne.	
Half Moon Pass	Fergus	6,500	2								0.60		0.50	7.0	6	4	22	2	w.	
Half Way House	Broadwater	6,000	2																	
Harlowton	Meagher	4,165	4	19.0		55	11	- 14	28	45	0.45		0.15	4.5	4	6	11	11	w.	
Havre	Chouteau	2,505	32	5.4	- 9.6	37	13	- 27	28	47	0.60	+ 0.13	0.40	8.5	5	18	7	3	ne.	
Helena	Lewis and Clark	4,110	32	18.2	- 4.0	45	11	- 6	28	29	0.22	- 0.52	0.07	4.7	6	14	7	7	sw.	
Highwood	Chouteau	5									1.00		0.60	18.7	5	17	4	7	s.w.	
Huntley	Yellowstone	3,014	5	17.6		46	10	- 13	28	46	0.50		0.29	3.2	3	15	10	3	e.	
Jones Canyon	Gallatin	6,800	2								2.14		0.71	28.5	9	21	0	7	w.	
Jordan	Dawson	6	8.2			40	13†	- 25	28	52	0.40		0.50	4.0	1	26	0	2	nw.	
Lewistown	Fergus	4,010	15	19.6	- 3.4	53	11	- 20	2	44	0.46	- 0.44	0.18	11.0	4	16	9	3	w.	
Livingston	Park	4,488	15	25.3	- 2.3	50	11	- 7	28	38	0.10	- 0.41	0.05	1.0	2	18	4	6	w.	
Lonetree	Chouteau	3,280	6	18.9		49	10†	- 18	3†	56	1.34		0.61	14.0	4	21	5	2	w.	
Lost Horse Creek	Meagher	5,800	2										0.42	12.5	7	13	9	6	sw.	
Malta	Valley	2,230	5	2.4		35	12	- 29	28	51	0.56		0.50	6.5	2	23	3	2	w.	
Medicine Lake	Madison	....	do	....	....	30	12†	- 27†	21†	37 ^b	1.70		1.20	17.5	3	20	7	1	sw.
Melstone	Fergus	2,903	2								0.48		0.28	7.0	2					
Mildred	Custer	2									0.02		0.01	2.0	2	1	1	1	nw.	
Miles City	....	2,371	20	11.9	- 4.9	38	12	- 11	3	40	0.14	- 0.42	0.12	1.0	2	14	12	9	w.
Norris	Madison	4,845	5	25.0		46	11	- 5	28	33	0.56		0.21	20.6	5	17	7	4	s.	
Nye	Sweetgrass	3	18.3			44	4†	- 29	28	63	1.05		0.43	18.4	7	19	2	2	sw.	
Olsen Creek	Jefferson	6,345	3								0.47		0.12	11.0	7	12	9	7	w.	
Pipestone Pass	....	7,000	3								0.63		- 0.20	13.5	8	15	10	3	e.
Poplar	Valley	2,020	26	4.6	- 2.7	34	12	- 26	21	45	0.35	- 0.20	0.19	5.1	2	26	1	1	w.	
Raymond	Teton	4,260	4	17.6		50	6†	- 23	1	55	0.20		0.15	2.0	3	19	4	5	w.	
Red Lodge	Carbon	5,548	12	18.8	- 2.4	48	11	- 17	28	39	1.22	+ 0.28	0.48	16.0	6	13	6	9	se.	
Renova	Jefferson	4,383	13	23.4	- 1.6	49	11	- 11	28	37	0.33	- 0.06	0.21	3.4	4	12	11	5	sw.	
Ryegate	Yellowstone	3,640	2	25.0		50	10	- 9	28	46	0.50		0.10	5.0	1	18	0	10	w.	
Seville §	Teton	3,980	3	11.9		41	11	- 20	2†	43	0.47		0.16	12.8	5	17	8	3	w.	
Sidney	Dawson	1	12.2			35	14	- 22	20	42	0.60		0.30	8.5	3	18	4	6	w.	
Spokane Ranch	Lewis and Clark	4,000	8	23.3		48	11	- 20	28	47	0.22		0.11	1.9	3					
Springbrook	Dawson	4,500	10	11.6	- 2.9	41	11	- 18	21	49	1.90	+ 0.66	1.00	19.0	4	10	16	2	sw.	
Stearns	Lewis and Clark	4,066	1	23.1 ^b		61	14	- 11	28	51 ^b			0.81		0.36	21.0	3	11	2	15
Threeforks	Gallatin	2,050	6	11.0		40	14	- 17	28	48	0.80		0.48	8.0	3	17	5	1	sw.	
Trail Creek	Park	6,000	3								0.96		0.20	20.5	12	17	3	8	w.	
Utica	Fergus	5,000	17	21.2	- 2.4	50	11	- 18	2	44	0.51	+ 0.16	0.30	9.0	2	21	6	1	w.	
Valentine	....	5	8.6			38	11†	- 27	28	52	0.19		0.17		2	22	2	4	w.
Virginia City	Madison	5,880	23	18.7	- 4.4	43	11	- 8	28	26	0.50	- 0.05	0.18	5.0	4	14	7	7	w.	
Wall Rock Mountain	Broadwater	5,000	2								0.33		0.11	9.9	5	15	10	3	nw.	
Warm Springs Creek	Madison	7,500	2								0.57		0.29	7.9	10	10	5	13	sw.	
Wolf Creek	Lewis and Clark	4,000	8	23.3		48	11	- 20	28	47	0.20		0.90		6	17	5	6	s.	
Woodville	Jefferson	6,376	2								0.42		0.16	6.9	7	12	15	1	sw.	
<i>North Dakota.</i>																				
Aplin	Oliver	5	6.8			51	26	- 22	2	65	0.30		0.30	3.0	1				w.	
Beach	Billings	2,759	5	10.8		40	16	- 20	2	46	0.78		0.65	6.5	2	19	8	1	w.	
Berthold Agency	McLean	2,082	15	5.8	- 3.4	38	24	- 24	2	54	0.57		0.00	0.50	2.6	2	16	9	3	nw.
Bismarck	Burleigh	1,674	37	8.4	+ 0.1	39	24	- 16	19	38	0.42	- 0.08	0.20	8.7	4	12	11	5	nw.	
Broncho	Mercer	4	6.7			38	25	- 20	2	42	0.90		0.10	9.0	3	1	23	4	sw.	
Buford	Williams	1,944	6	5.6		37	11	- 26	3	48	0.60		0.30	6.0	2	23	2	3	w.	
Dickinson	Stark	2,453	4	9.8	- 1.9	45	24	- 22	2†	43	0.55	+ 0.07	0.50	5.5	2	16	6	6	nw.	
Edgely	Lamoure	1,488	10	12.4	+ 2.8	40	24	- 15	5	29	0.35	- 0.05	0.17	3.5	5	6	17	5	n.	
Epping	Williams	4									0.49		0.35	5.0	3	18	5	5	w.	
Fullerton	Dickey	1,439	13	12.0	+ 3.6	40	24													

TABLE 1.—Climatological data for February, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Observers.					
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unsettled.	Number of rainy days, 0.1 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of overcast days.		
<i>South Dakota.</i>																				
Aberdeen.	Brown.	1,300	21	13.2	+ 2.3	42	24	-13	21	41	1.37	+ 0.43	1.00	13.5	3	18	4	6	ne.	
Academy.	Charles Mix.	12	21.8	+ 3.1	50	12	-7	21	39	0.80	+ 0.28	0.50	8.0	3	14	7	7	nw.		
Alexandria.	Hanson.	1,352	22	19.2	+ 3.7	54	1	-13	21	44	0.40	- 6.22	0.30	4.0	2	23	3	2	nw.	
Ardmore.	Douglas.	3,557	2	19.6	+ 1.6	42	1	-12	21	34	0.40	- 6.30	0.30	4.0	2	16	8	4	w.	
Belle Fourche.	Butte.	3,000	3	25.3	- 0.0	60	11	-4	21	49	0.05	- 0.05	0.5	1	7	14	7	7	nw.	
Brookings.	Brookings.	1,636	22	18.8	+ 5.1	42	24†	-9	21	39	0.53	+ 0.01	0.45	3.5	2	14	8	6	nw.	
Camp Crook.	Harding.	3,000	19	21.0	+ 1.9	50	11†	-8	21	46	0.07	- 0.37	0.05	0.7	2	14	9	5	nw.	
Canton.	Lincoln.	1,248	16	23.2	+ 5.3	54	1	-12	10	45	0.72	+ 0.22	0.41	10.0	2	20	4	4	nw.	
Cascade Springs.	Fall River.	3,422	3	27.7	- 0.3	63	11	-5	21	46	0.35	- 0.05	0.13	3.0	3	17	2	9	nw.	
Castlewood.	Hamlin.	1,085	5	17.6	- 0.3	43	25	-11	21	33	0.11	- 0.04	1.5	4	14	3	11	nw.		
Centerville.	Turner.	1,229	14	21.8	- 0.3	47	24†	-13	10	48	1.27	+ 0.43	0.90	9.3	3	9	16	nw.		
Chamberlain.	Brule.	1,303	14																	
Clark.	Clark.	1,779	17	16.6	+ 4.3	40	25	-11	2	36	0.75	+ 0.22	0.25	6.0	4	16	8	4	nw.	
Cottonwood.	Stanley.	2,414	3	25.0	- 0.3	63	12	-5	21	52	0.60	- 0.40	6.0	12	11	15	2	10	Experiment Station., William Fuller.	
Crow Creek.	Buffalo.	1,385	1																	
Daviston.	Perkins.	2	17.94	- 0.3	59	12	-12	28	53*	0.55	- 0.30	4.5	2	10					G. G. Davis.	
Deadwood.	Lawrence.	4,535	2	24.6	- 0.3	55	1†	-8	21	45	1.85	- 0.85	18.0	4	17	8	3		R. E. Grinnshaw.	
Deerfield.	Pennington.	6,900	2																Frank E. Miller.	
De Smet.	Kingsbury.	1,726	18	18.2	+ 4.8	40	11†	-10	20†	37	0.70	+ 0.19	0.50	7.0	2	20	4	4	nw.	
Dowling.	Stanley.	2,250	2	24.9	- 0.3	60	12	-6	21	60	0.35	- 0.20	2.0	6	3	10	12	6	M. P. Dowling.	
Dumont.	Lawrence.	6,195	2																A. B. Wood.	
Eales.	Potter.	1																	A. H. Peterson.	
Elk Mountain.	Custer.	4,700	2																James E. Blaine.	
Elk Point.	Union.	1,126	12	24.8	+ 5.2	57	1	-6	21	44	0.50	- 0.20	3.5	4	16	2	10	10	G. W. Freeman.	
Ellingson.	Perkins.	24.4	- 0.3	53	24	-3	1	29											A. C. Ellingson.	
Englewood.	Lawrence.	5,723	2																T. J. Cummings.	
Eureka.	McPherson.	1,884	2	14.6	- 0.3	46	24	-15	20	32	0.73	- 0.50	6.0	3	16	10	2	se.	Experiment Station.	
Fairfax.	Gregory.	7	21.6	- 0.3	50	1	-8	21	39	0.70	- 0.50	7.0	2	15	5	8		D. Frank Adams.		
Faulkton.	Faulk.	1,505	16	16.1	+ 2.9	42	24	-9	27	37	0.38	- 0.13	4.5	2	19	4	4	nw.	Miss Belle Talcott.	
Flandreau.	Moody.	1,505	21	20.2	+ 6.2	56	1	-10	10	38	0.60	+ 0.02	4.0	3	12	10	6		W. A. Harris.	
Fort Meade.	Meade.	3,024	29	27.0	+ 5.4	62	11†	0	3	50	0.45	- 0.19	2.0	7.5	3	9	13	6	w.	Post Hospital.
Frederick.	Brown.	1,371	3	10.04	- 0.3	40	28	-19	17	49†	0.50	- 0.45	5.0	3	17	3	8	ne.	J. E. Jeffers.	
Gannibal.	Buffalo.	13	19.7	+ 3.3	47	1	-10	21	38	0.90	+ 0.42	0.60	9.0	2	14	10	4	nw.	V. P. Drips.	
Greenmont.	Lawrence.	6,430	2	23.2	+ 1.3	51	1	-7	21	42	1.84	- 0.75	30.5	6	12	12	4	w.	H. C. Hoffmuth.	
Greenwood.	Charles Mix.	17																	T. C. Williamson.	
Hardy Ranger Station.	Lawrence.	6,600	2																Mrs. Ennie A. Gundlach.	
Harveys Ranch.	do.	6,282	1																Jerome Harvey.	
Hermosa.	Custer.	3,278	5	27.8	- 0.3	65	1	-5	21	38	0.38	- 0.13	4.0	4	15	12	1		S. M. Booth.	
Hill City.	Hyde.	1,890	15	17.7	+ 3.2	51	12	-11	21	41	0.39	+ 0.14	0.29	3.5	3	17	8	3	nw.	Experiment Station.
Hopewell.	Pennington.	5,067	2																H. L. Jones.	
Howard.	Stanley.	1	22.0	- 0.3	57	12	-7	20	57	0.52	- 0.25	5.0	3	13	12	3	w.	E. R. Myers.		
Howell.	Miner.	1,564	19	17.2	+ 2.5	43	1	-11	21	41	0.30	- 0.20	2.0	5.0	2	18	6	4	nw.	J. J. Cox.
Huron.	Hand.	9	15.2	- 0.3	45	24	-14	20	42	1.08	- 0.51	7.4	4	17	5	6	nw.	M. A. Shuster, Jr.		
Ipswich.	Beadle.	1,306	29	15.2	+ 2.3	38	1	-11	21	40	0.74	+ 0.30	0.61	7.5	3	12	9	7	nw.	U. S. Weather Bureau.
Edmunds.	Edmunds.	1,530	14	13.4	+ 2.4	37	13	-11	21	34	0.80	+ 0.25	0.50	8.0	2	21	3	4	nw.	J. B. Taylor.
Kadoka.	Stanley.	2,467	2	24.6	- 0.3	59	12	-5	21	51	0.22	- 0.10	2.2	4	16	8	4	nw.	Rev. D. S. Brown.	
Kennebec.	Lyman.	1,689	18	22.6	+ 5.4	57	12†	-6	21	59	0.50	+ 0.15	0.40	5.0	3	12	10	6	nw.	H. C. Van Horn.
Kidder.	Marshall.	1,205	7	13.4	- 0.3	41	12†	-15	21	39	0.26	- 0.11	2.5	5	3	24	1	3	sw.	H. C. Schussler.
Kimball.	Brule.	1,788	22	20.6	+ 4.5	45	13	-11	21	30	0.50	- 0.20	2.0	5.0	2	18	6	4	nw.	G. D. Rose.
La Delle.	Spink.	1,400	14	13.6	+ 0.8	40	12†	-11	20	38	0.33	- 0.33	24.0	7	12	14	2	nw.	E. L. Ebbert.	
Lead.	Lawrence.	5,200	2	25.2	- 0.3	52	1	-4	21	42	0.93	- 1.02	10.5	3	11	12	5	nw.	E. F. Irwin.	
Lemmon.	Perkins.	2,345	14	18.8	- 0.3	55	12	-9	27	38	T.	- 1.02	10.5	3	11	12	5	nw.	W. E. Lyman.	
Marion.	Turner.	1,447	10	22.2	+ 4.0	60	1	-12	21	44	1.28	+ 0.49	1.02	10.5	3	11	12	5	nw.	M. H. Dains.
Marston.	Sully.	3	16.4	- 0.3	47	13	-10	21	51	1.00	- 0.80	8.0	3	12	11	5	nw.	John S. Walker.		
Mart.	Spink.	1,300	16	14.6	+ 1.8	38	24	-14	21	41	0.67	+ 0.25	0.53	6.7	3	20	4	4	nw.	Frank A. Howe.
Mellette.	Hutchinson.	1,325	14	21.2	+ 3.8	52	1	-12	21	41	0.49	- 0.09	2.6	4.5	2	17	4	7	nw.	J. H. Swanton.
Mennio.	Grant.	1,148	20	16.7	+ 4.1	45	24	-8	7	41	0.45	- 0.34	0.38	3.5	2	14	1	13	nw.	L. T. Patridge.
Milbank.	Davison.	1,312	17	17.7	+ 0.8	42	24	-12	21	35	0.70	+ 0.14	0.60	15.0	2	16	12	0	nw.	C. W. Downey.
Mobridge.	Walworth.	17.0	- 0.3	44	1†	-9	21	40	0.30	- 0.30	3.0	- 0.18	18	2	18	8	2	se.	F. J. Morris.	
Murdo.	Lyman.	2,300	3	25.5	- 0.3	57	12	-5	21	56	0.75	- 0.25	10.5	4	18	4	6	nw.	L. C. Bode.	
Oelrichs.	Fall River.	3,339	19	26.8	+ 5.4	70	24	-11	21	58	0.40	- 0.59	0.01	2.0	2	15	4	9	nw.	J. E. Strausse.
Orman.	Butte.	2,920	5	26.1	- 0.3	60	11†	-3	21	51	0.02	- 0.40	7.0	2	10	14	2	nw.	U. S. Reclamation Service.	
Ottumwa.	Stanley.	3	21.2	+ 2.8	55	10	-10	7	58	0.70	- 0.42	0.70	10.9	3	19	1	5	nw.	J. W. Bretz.	
Pierre.	Hughes.	1,572	19	21.2	+ 4.3	58	12	-3	21	51	0.55	+ 0.11	0.36	6.4	3	12	14	2	nw.	U. S. Weather Bureau.
Plankinton.	Aurora.	1,528	17																W. G. Andrews.	
Pollock.	Campbell.	5	12.8	- 0.3	42	13	-12	19	41	0.30	- 0.25	2.5	3.9	4	15	12	1	nw.	J. H. Jones.	
Rapid City.	Pennington.	3,251	23	25.8	+ 2.3	60	11	0	21	51	0.43	- 0.03	0.28	4.5	6	9	8	11	nw.	U. S. Weather Bureau.
Redfield.	Spink.	1,295	13	14.2	+ 1.9	49	24	-12	21	42	0.72	+ 0.30	0.70	10.9	3	19	1	8	nw.	A. S. Hall.
Rochford.	Pennington.	5,228	1																Mrs. M. E. Deffenbaugh.	
Rosebud.	Todd.	2,600	17	26.6	+ 5.0	62	13	-5	27	55	0.45	- 0.18	0.20	4.5	3					

TABLE 1.—*Climatological data for February, 1911. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Greatest daily range.	Departure from the normal.	Total.	Greatest daily range.	Departure from the normal.	Total.	Number of rainy days.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing direction of wind.	Observers.				
				Mean.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Greatest in 24 hours.				Total.	Greatest daily range.	Total snowfall, inches.	Number of days.									
<i>Colorado—Continued.</i>																											
Arriba (near).	Lincoln.	5,238	5	27.3	65	11	-9	21	45	1.53	0.33	11.7	8	20	5	3	n.	C. A. Creel.									
Auldhurst.	Teller.	8,500	1							1.42	0.61	16.2	7	13	9	6	s.	Mrs. Alice A. Auld.									
Boulder.	Boulder.	5,347	15	30.8	-1.4	67	11	-1	22	39	1.56	+ 0.84	0.60	27.1	6	19	3	6	n.w.	O. H. Wangelin.							
Burlington.	Kit Carson.	4,160	8	30.6		69	12	-5	22	46	0.46		0.20	7.0	4	8	16	4	w.	W. P. Davis.							
Cassels.	Park.	8,445	1							1.50	0.97	18.9	10	14	6	8	w.	Darrie M. Cassell.									
Castle Rock.	Douglas.	6,220	19	28.4	0	61	3†	-15	22	49	0.75	+ 0.03	0.30	11.0	4	12	8	8	s.	Raymond W. Maxwell.							
Cheesman.	Jefferson.	6,890	1	29.0		56	1	-3	21†	46	1.26		0.45	13.0	7	13	12	3	sw.	J. G. Thornburg.							
Cheyenne Wells.	Cheyenne.	4,279	17	29.2	+ 0.1	70	12	-5	20†	54	1.34	+ 0.97	0.50	10.5	6	16	4	8	n.	J. W. Adams.							
Cope.	Washington.	14	29.2	+ 0.7	73	11	-7	21	58	1.13	+ 0.64	0.26	8.3	7	15	6	7	u.	A. A. Williams.								
Corona.	Grand.	11,660	4	5.4		26	11	-14	21†	26	3.26		0.75	37.0	8				w.	U. S. Weather Bureau.							
Denver.	Denver.	5,272	39	30.0	-1.1	63	11	-2	22	39	0.68	+ 0.18	0.34	10.2	7	16	7	5	s.	Do.							
Edgewater.	Jefferson.	5,450	3	29.4		64	12	-5	20	46	1.00		0.59	10.0	6	1	8	19	w.	Dr. N. P. Levin.							
Estes Park Hatchery.	Larimer.	8,000	2							0.51		0.26	10.0	6					do.	Gaylord H. Thomson.							
Fort Collins.	do.	4,985	20	26.5	-0.1	62	11	-9	23	44	1.52	+ 0.97	0.49	25.7	9	16	6	6	nw.	Colo. Agricultural College.							
Fort Lupton.	Weld.	4,907																	ne.	R. W. Benedict.							
Fort Morgan.	Morgan.	4,319	13	28.8	+ 0.3	78	11	-8	23	67	0.15	-0.13	0.07	2.1	3	14	6	8	ne.	Della M. Scott.							
Frances.	Boulder.	9,300	6	22.4		49	12	-7	20†	42						15	5	w.	C. W. Barry.								
Frys Ranch.	Larimer.	7,500	1	23.2		48	11	-8	20†	45	0.85		0.30	10.0	9	13	7	8	w.	Norman W. Fry.							
Georgetown.	Clear Creek.	8,550	9							0.82		0.35	11.9	6	8	14	6			H. L. Corbett.							
Greely.	Weld.	4,649	20	29.8	+ 2.5	66	11	-7	23	50	0.88	+ 0.45	0.24	12.5	6	19	4	5	w.	Nelson Reynolds.							
Hartsel.	do.	5,076		28.8		60	11	-4	21	46	0.34		0.18	5.4	4	15	7	6	sw.	George M. Blake.							
Hawthorne.	Park.	7,670	2							0.60		0.26	12.0	8	17	1	10			Emily Kleinknecht.							
Holyoke (near).	Boulder.	6,000	2							0.38		0.65	26.0	8	17	5	6			B. E. Chesebro.							
Idaho Springs.	Phillips.	3,745	15							0.11	-0.28	0.11	1.5	1	15	7	6	w.	A. C. Cauble.								
Keota.	Clear Creek.	7,534	11	23.7	-6.7	51	1†	-9	20	41	0.65	+ 0.28	0.32	12.5	7	7	16	5	w.	J. J. Willis.							
Laporte.	Weld.	4,906								2.13	+ 1.52	0.85	36.3	6						I. S. Griffin.							
Leroy (near).	Logan.	5,053	20							0.24	-0.43	0.13	3.7	3	17	5	6	w.	P. A. Taft.								
Longmont §§.	Boulder.	4,380	22							0.71		0.29	18.1	4	17	4	7	w.	Chas. Green.								
Longs Peak (near).	Larimer.	4,980	10	25.9	+ 0.2	65	10	-12	22	48	0.71									Great Western Sugar Co.							
Lula Pass.	do.	8,600	16							1.74		0.47	23.5	7	8	10	19			Enos. A. Mills.							
Moraine.	do.	7,775	21	22.6	-1.6	45	4†	-15	20	47	0.83	-0.25	0.28	14.0	7	3	19	6	e.	J. D. Stead.							
Platte Canon.	Jefferson.	5,492	12							0.78	+ 0.25	0.52	15.2	5						Denver Union Water Co.							
St. Cloud.	Larimer.	7,750	8							1.59		0.64	30.0	6	7	14				Miss Guilla Sivers.							
Sedgwick.	Sedgwick.	3,573	3	28.6		67	11	-12	21	56	0.10		0.10	1.0	1	13	11	4	nw.	Edwin Lewis, M. D.							
Silt Mine.	Clear Creek.	11,500	22	12.6		47	3	-20	21	41	2.89		0.65	36.9	11	17	1	10	w.	Chas. Deininger.							
Spicer (near).	Larimer.	8,700	1							1.17		0.37	15.5	6	11	7	10	sw.	Frank W. Murphy.								
Sterling.	Logan.	3,892	2	28.4		68	10	-5	22	55	0.16		0.14	1.7	3	21	2	5	se.	Great Western Sugar Co.							
Waterdale.	Larimer.	5,266	8	28.6		63	11	-8	20	42	1.79		0.50	22.0	8					P. H. Boothroyd.							
Wray.	Yuma.	3,512	15	31.6	+ 1.8	71	12	-3	21	54	0.77	+ 0.24	0.34	4.2	6	14	9	5	nw.	J. C. Tuomey.							
Yuma.	do.	4,138	20							0.21	-0.49	0.11	T.	3	19	1	8	se.	George W. Custer.								
<i>Nebraska.</i>																											
Ainsworth.	Brown.	2,521	6	22.1 ^k		47	25	-10	21	40	0.93		0.40	14.2	3						John M. Cotton.						
Albion.	Boone.	1,747	15	22.6	-0.4	51	12	-5	21	47	1.24	+ 0.47	0.57	7.0	2	13	8	7	n.	F. M. Weitzel.							
Alliance.	Boxbutte.	3,968	17	27.1	+ 3.4	63	11	-9	22	47	0.08	-0.31	0.08	0.8	1	15	10	3	ne.	J. A. Keegan.							
Alma.	Harlan.	1,939	14	31.5	+ 4.6	71	12	0	21	43	0.65	-0.06	0.20	2.5	4	13	7	8	n.	W. A. Sharpnack.							
Anoka.	Boyd.	4		20.2		50	12	-12	21	50	1.72		1.40	10.2	2	11	13	4	nw.	W. Whitla.							
Arcadia.	Valley.	2,186	11							0.55	-0.10	0.30	4.0	3	2	20	6			J. L. Owen.							
Aspinwall.	Saunders.	1,100	27	30.6	+ 0.1	60	12	-4	21	38	2.30	+ 1.53	0.62	3.0	3	18	5	5	n.	Dr. A. S. von Mansfelder.							
Ashton.	Sherman.	2,061	18							0.16	-0.22	0.08	0.08	0.16	5	3	14	5	9	n.	F. Rein.						
Atkinson.	Holt.	2,108		22.0		52	12	-8	21	44			0.64							C. J. Wilson.							
Auburn.	Nemaha.	1,051	20	33.5	+ 7.2	64	15	-2	21	38	4.00	+ 2.72	1.88	2.5	6	15	2	11	n.	J. R. Huffman.							
Aurora.	Hamilton.	1,792		30.0	+ 4.1	62	11	-2	21	30			0.78	-0.04	0.33	2.0	3	15	5	3	n.	Chi., Burl. & Quincy R. R.					
Beatrice.	Gage.	1,235	20	33.2	+ 7.2	65	12	-2	21	39	2.55	+ 1.44	1.29	0	5	17	1	10	nw.	W. S. Waxham.							
Beaver City.	Furnas.	2,147	19	32.4	+ 4.2	70	12	-2	21	44	0.83	+ 0.20	0.37	4.0	4	9	12	7	ne.	T. M. Davis.							
Belleview.	Sarpy.	2,968		30.6		54	15†	-4	21	33	3.01	+ 1.75	0.89	3.6	6	17	5	6	nw.	Prof. A. A. Tyler.							
Benkelman.	Dundy.	2,515	3			55	12	-1	7	48	0.33	-0.21	0.20	1.5	3					R. D. Druliner.							
Burke.	Phelps.	2,674	5	26.3		67	12	-6	21	47	0.48		0.48	3.0	3	11	8	9	nw.	W. F. Dobbin.							
Cairo.	Cherry.	1,951	2							0.95		0.54	4.1	3						D. C. Van Deusen.							
Callaway.	Hall.	2,555	19	31.2	+ 6.3	67	13	-2	21	50	0.75	+ 0.17	0.65	1.0	3	15	7	6	s.	Dr. L. C. Bleick.							
Cambridge.	Custer.	2,258	4	32.0		72	12	-2																			

TABLE 1.—Climatological data for February, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.	Prevailing direction of wind.	Observers.					
				Mean.	Departure from the normal.	Highest.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.1 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Nebraska—Continued.																			
Harvard.	Clay.	1,812	23	28.0	+ 4.7	64	12	- 3	21	43	0.82	- 0.03	0.37	T.	4	16	5	7	nw.
Hastings.	Adams.	1,932	20	29.2	+ 4.3	68	12	- 3	21	43	0.10	- 0.45	0.50	0.5	2	14	9	5	nw.
Hayes Center.	Hayes.	17	30.0			70	12	- 6	21	50	0.80	- 0.30	0.50	0.5	3	19	5	4	nw.
Hay Springs.	Sheridan.	3,821	26	27.5	+ 5.5	63	12	- 7	21	47	0.30	- 0.29	0.20	4.0	3	10	13	5	nw.
Hebron.	Thayer.	1,458	26	32.2	+ 5.8	70	12	- 3	21	42	1.96	+ 1.20	0.77	T.	6				
Hemingford.	Boxbutte.	4,273	2								0.28		0.10		6				
Headley.	Furnas.	2,231	7								0.90		0.40	5.0	3				
Hillside.	McPherson.	3,484	2	29.0		70	12	- 6	22	59	0.24		0.21	3.0	2	16	5	7	nw.
Holdrege.	Phelps.	2,324	20	29.6	+ 2.7	68	12	- 2	21	39	0.88	- 0.02	0.78	3.0	2	16	4	8	sw.
Hooper.	Dodge.	1,228	14	26.7	+ 5.1	54	23	1	20†	37	1.15	+ 0.25	0.55		4	18	5	5	nw.
Imperial.	Chase.	3,278	20	28.2	+ 0.9	68	12	- 7	21	45	0.37	- 0.33	0.32	2.5	2	13	10	5	nw.
Kearney.	Buffalo.	2,146	21	31.4	+ 6.2	68	12	- 4	21	46*	0.40	- 0.41	0.20	3.0	3	12	8	2	n.
Kimball.	Kimball.	4,697	20	28.0	+ 1.0	64	12	- 6	20	49	0.48	- 0.21	0.30	4.8	5	11	15	2	w.
Kirkwood.	Rock.	16	24.0	+ 2.5	55	12	- 8	21	43†	1.00	+ 0.36	0.70	10.0	2	19	4	5	nw.	
Kowanda.	Garden.	3									0.04		0.04		1				
Lexington.	Dawson.	2,385	22	31.5	+ 5.6	67	12†	- 3	21	49	0.51	- 0.33	0.30	0.2	3	20	0	8	n.
Lincoln.	Lancaster.	1,189	31	31.0	+ 6.2	65	12	- 4	21	38	2.61	+ 1.31	0.76	1.0	5	9	7	12	n.
Lodgepole.	Cheyenne.	3,820	13	30.3	+ 4.9	67	11	1	24	53	T.	- 0.53	T.	T.	0	19	7	2	n.
Loup.	Sherman.	2,067	17	27.2	+ 3.1	58	12†	- 5	21	42	0.65	+ 0.22	0.25	4.0	3	22	2	4	n.
Loyal.	Custer.										0.60	+ 0.05	0.60		1				
McCook.	Redwillow.	2,506	16	30.6	+ 3.0	72	12	- 7	21	59	0.47	- 0.15	0.25	2.0	3	20	3	5	n.
McCool Junction.	York.	1,575	14	25.8	+ 3.6	49	25	- 4	21	31	1.00	+ 0.41	0.65		3				
Madison.	Madison.	1,585	18								1.05	+ 0.22	0.70	7.2	3	12	7	9	nw.
Marquette.	Hamilton.	1,830	31								0.57	- 0.16	0.26	3.0	3				
Mason City.	Custer.	2,257	12								0.60	+ 0.05	0.60		1				
Minatare.	Scotts Bluff.	3,825																	
Minden.	Kearney.	2,109	34	28.9	+ 4.3	68	12	- 4	21	46	0.42	- 0.44	0.20	0.8	3	14	3	11	n.
Mitchell.	Scotts Bluff.	2	28.3			65	11	- 7	22	50	0.11		0.06	1.5	2	20	6	2	nw.
Nebraska City.	Otoe.	941	32	32.2	+ 7.7	59	12	- 5	21	38	3.30	+ 2.24	1.50	1.0	5	1	3	13	s.
Norfolk.	Madison.	1,532	28	23.8	+ 2.9	50	24	- 5	21	46	1.07	+ 0.24	0.72	7.2	3	16	5	7	nw.
North Loup.	Valley.	1,961	23	26.9	+ 3.4	57	12	- 3	21	41	1.52	+ 0.37	0.75	6.6	3	11	11	6	n.
North Platte.	Lincoln.	2,841	37	29.8	+ 5.2	70	12	- 2	21	50	0.39	- 0.01	0.31	4.1	2	10	11	7	n.
Oakdale.	Antelope.	1,722	28	22.0	+ 2.4	46	24	- 5	21	43	1.56	+ 0.87	1.20	12.5	2	11	10	7	nw.
Odel.	Gage.	1,278	16								3.85	+ 2.68	1.35		5	11	3	14	
Omaha.	Douglas.	1,103	41	29.4	+ 5.7	54	24	5	21	33	2.13	+ 1.37	0.81	2.3	5	10	8	10	n.
Ord.	Valley.	2,062	16								1.14	+ 0.51	0.62		3	8	14	6	nw.
Orleans.	Harlan.	1,993																	
Osceola.	Polk.	1,644	15	26.5		52	1	- 2	21	34	1.20	+ 0.47	0.70	7.0	2	8	17	3	nw.
Palisade.	Hitchcock.	11	26.9			66	12	- 2	21	47	0.63	- 0.37	0.30	6.0	3	18	5	5	nw.
Palmyra.	Otoe.	1,742	15	30.6	+ 0.6	60	12	4	21	36	3.16	+ 2.23	1.98	1.5	5	16	8	4	n.
Pawnee City.	Pawnee.	1,175	15	33.4		64	15	7	21	43	3.83	+ 2.87		6	17	1	10	nw.	
Paxton.	Keith.	3,060	2								0.49		0.25	4.0	4				
Plymouth.	Jefferson.	1,419	7	30.7		68	12	- 3	21†	42	2.01		0.83		4	7	11	10	nw.
Purdum.	Blaine.	11	26.9			66	12	- 2	21	47	0.63	- 0.37	0.28		3	18	5	5	nw.
Ravenna.	Buffalo.	2,028	34	29.2	+ 5.0	65	12	- 5	21	47	0.77	- 0.10	0.28		3	16	5	7	nw.
Red Cloud.	Webster.	1,687	20	33.0	+ 4.4	73	12	1	21	44	0.97	+ 0.38	0.37	1.0	5	16	1	11	nw.
St. Libery.	Howard.	1,887	15								0.90	+ 0.09	0.40	6.0	3	15	6	7	nw.
St. Paul.	St. Paul.	1,796	16	28.6	+ 2.8	60	12	- 2	21	36	0.96	+ 0.29	0.40	6.0	3	17	7	4	nw.
Santee.	Knox.	23	29.0	+ 9.2	52	24	- 4	22	37						16	11	1	se.	
Sargent.	Custer.	2,339	11	27.0		64	13	- 6	21	40*	0.10	- 0.48	0.10		1				nw.
Schuyler.	Colfax.	1,357	18	27.1		57	12	- 2	21	45	1.85	+ 0.99	1.55	8.6	3	11	9	8	n.
Scottsbluff.	Scotts Bluff.	3,888	5	30.4		67	11	- 4	22	51†	0.20		0.08	2.0	3	18	4	6	nw.
Seward.	Seward.	1,435	21	28.4	+ 3.5	64	11	0	19	40	1.94	+ 0.97	0.54	5.7	5	17	4	7	nw.
Sheridan.	Garfield.	3									0.80		0.45	8.0	3	22	0	6	
Sidney.	Cheyenne.	4,030	20								0.25	- 0.37	0.10	2.5	3	22	4	2	sw.
Springview.	Keyapaha.	17	24.2	+ 2.5	63	12	- 8	21	44	1.00	+ 0.31	0.60	10.0	2	11	12	5	nw.	
Stanton.	Stanton.	1,472	19	23.8	+ 3.1	47	12	- 6	22	36	1.25	+ 0.43	1.00	12.0	2	13	11	4	sw.
Stratton.	Hitchcock.	2,804	16								0.75	+ 0.10	0.45		2				
Superior.	Nuckolls.	1,574	24								1.70	+ 0.87	0.65		4				
Syracuse.	Otoe.	1,059	18	31.4	+ 7.1	60	12	4	21	40	3.05	+ 1.88	1.15	1.5	5	12	5	11	nw.
Table Rock.	Pawnee.	1,023	23								4.60	+ 3.31	2.18	T.	6	12	12	10	n.
Tecumseh.	Johnson.	1,113	20																
Tekamah.	Burt.	1,030	20	27.8	+ 5.3	54	24	0	9	41	1.87	+ 0.81	1.00	8.5	5	7	13	8	nw.
Tobias.	Saline.	1,597	2								1.57		0.70	T.	3	13	5	10	n.
University Farm.	Cherry.	23	32.0	+ 5.9	64	12	9	2†	39	2.19	+ 1.13	0.71		6	13	7	8	nw.	
Valentine.	Cherry.	2,613	22	26.0	+ 4.8	66	12	- 5	21	46	0.71	+ 0.11	0.48	7.1	3	12	14	2	nw.
Wahoo.	Saunders.	1,187	8								1.90		0.53	4.0	5	16	5	7	sw.
Wakefield.	Dixon.	1,387	17	24.0	+ 4.2	48	17	- 9	10	50	1.87	+ 0.96	1.40	14.0	2	15	4	9	nw.
Waltrip.	Thurston.	10	24.2			52	25	0	20†	43*	0.65	- 0.16	1.40	1.2	5	1	20	7	sw.
Watertown.	Buffalo.	2,299	5								0.35		0.35	2.0	2	1			
Wauneta.	Chase.	12									0.70	+ 0.02	0.40	7.0	3				
Weeping Water.	Cass.	1,080	33	31.2		60	12	4	21	40	2.83	+ 1.81	0.84	1.5	6	17	2	9	nw.
Westpoint.	Cuming.	1,313	25			52	24				1.48	+ 0.74	1.10	11.0	2	18	5	5	n.
Wisner.	do.	1,380	14								1.25	+ 0.51	0.75	14.5	3	21	0	7	sw.
Woodlawn.	Lancaster.	</																	

TABLE 1.—Climatological data for February, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing direction of wind.	Observers.			
				Mean.			Departure from the normal.			Total.			Greatest in 24 hours.								
				Highest.	Date.	Lowest.	Date.	greatest daily range.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.					
Iowa—Continued.																					
Lamoni.		4	31.9	60	1†	8	10†	31	3.68	1.15	9	15	1	12	nw.	T. J. Fitzpatrick.					
Larrabee.		21	23.6	+ 5.8	47	24	— 5	10	36	1.10	0.55	5.5	12	11	8	n.	H. B. Strevor.				
Le Mars.		15	23.0	+ 7.1	48	1	— 5	10	39	0.97	+ 0.25	0.58	6.0	2	10	11	7	nw.	G. A. C. Clarke.		
Lenox.		16	30.1	+ 8.4	59	15	5	21	32	3.05	+ 2.21	1.51	2.4	6	18	2	8	nw.	J. L. Hurley.		
Leon.		9	31.2	60	1†	7	21	30	4.64	1.18	5.5	8	12	3	13	nw.	Morris Gardner.				
Little Sioux.		6	28.0	55	24	0	10†	44	1.38	0.70	6.0	5	14	6	8	nw.	Geo. H. Gibson.				
Logan.		228	44	28.2	+ 4.8	54	24	0	8	1.61	+ 0.41	1.17	8.3	8	9	8	11	nw.	Glenn H. Stern.		
Mount Ayr.		18	32.0	+ 9.5	64	15	7	21	32	4.25	+ 3.08	1.51	8.3	9	8	10	10	nw.	A. F. Beard.		
Murray.		20	30.4	+ 8.4	61	1†	7	10†	32	4.31	+ 3.52	1.60	9.0	4	18	1	9	nw.	M. T. Ashley.		
Odebolt.		14	26.0	+ 7.6	52	24	— 3	10	41	1.37	+ 0.50	0.80	9.0	5	16	1	11	nw.	E. Starner.		
Onawa.		1,051	11	27.9	+ 6.9	53	24	— 6	10	41	0.50	+ 0.14	0.40	1.0	2	n.	C. G. Perkins.				
Pacific Junctions.		960	12	30.1	+ 10.5	55	1†	5	21	39	2.94	+ 2.34	0.95	5.5	12	10	6	n.	H. H. McCartney.		
Rock Rapids.		1,358	12	22.0	+ 5.4	50	1	— 6	10	41	1.40	+ 0.37	0.75	7.0	3	14	8	6	nw.	W. C. Wyckoff.	
Sheldon.		1,422	11	23.5	+ 7.8	50	24	— 7	10	40	1.40	+ 0.37	0.75	7.0	3	15	5	8	nw.	Dr. A. W. Beach.	
Sibley.		1,212	18	20.4	+ 5.4	48	24	— 6	10	41	1.09	+ 0.62	0.50	5.5	2	14	3	11	nw.	H. G. Doolittle.	
Sioux Center.		12	22.8	+ 6.4	46	1	— 4	21	34	1.02	+ 0.32	0.60	6.0	2	14	3	11	nw.	J. de Ruyter.		
Sioux City.		1,135	22	24.0	+ 4.2	49	24	— 2	21	44	1.58	+ 1.03	1.10	13.2	3	11	7	10	nw.	U. S. Weather Bureau.	
Spencer.		1																	S. Gillespie.		
Thurman.		14	30.3	+ 8.8	54	1†	5	21	35	3.71	+ 2.38	1.34	5	11	6	11	nw.	C. R. Paul.			
Washita.		1,157	13	25.0	+ 2.8	51	24	— 13	10	49	1.48	+ 0.72	1.00	10.0	2	16	4	8	s.	H. L. Felter.	
Woodburn.		961	12	30.2	65	1	— 4	8	48	4.84	+ 3.60	1.82	5.5	10	11	6	11	nw.	C. B. McDonough.	
Kansas.																					
Bilene.		1,157	16			73	12	— 5	21	62	0.44	— 0.24	0.30	2.5	4	17	2	9	nw.	T. W. Sherman.	
Agricultural College.		1,100	58	35.3	+ 5.4	71	1	2	20†	41	5.78	+ 1.65	1.91	9.0	11	16	2	10	sw.	Prof. J. O. Hamilton.	
Alton.		1,651	9	34.7	78	12	3	21	47	1.34	+ 0.43	0.71	1.0	4	13	8	7	s.	H. A. Storer.		
Atchison.		973	20	35.3	+ 8.1	70	15	7	21	34	1.40	+ 3.74	1.40	9.0	10	13	3	12	w.	Prof. M. F. Troxell.	
Baker.		1,182	11	32.4	67	15	5	21	32	4.52	.....	1.06	5.0	7	5	3	20	n.	E. A. Bastien.	
Beloit.		1,383	16																Frank A. Slack.		
Blakeman.		2,894	14	31.1		73	12	— 5	21	62	0.44	— 0.24	0.30	2.5	4	17	2	9	nw.	C. L. Henderson.	
Blue Rapids.		1,105	5																M. Norton.		
Centralia.		1,256	2	33.8	65	1	5	21	36	5.46	.....	1.75	4.0	9	13	3	11	nw.	N. S. Hazen.	
Chapman.		1,113	7	36.0	73	1	4	21	42	5.30	.....	1.80	5.0	6	16	3	9	sw.	Dr. R. McShea.	
Clay Center.		1,203	10	34.6	70	1	4	21	42	5.30	.....	2.03	6.2	7	14	3	11	n.	O. L. Slade.	
Colby.		3,138	20	33.6	+ 7.0	83	12	— 6	21	61	0.56	+ 0.02	0.29	2.0	5	19	2	7	n.	E. V. Snell.	
Concordia.		1,398	27	34.3	+ 5.5	71	12	— 6	21	40	3.19	+ 2.44	1.92	1.1	6	6	12	10	n.	U. S. Weather Bureau.	
Densmore.		2,200	2	34.0	72	12	0	21	48	0.96	.....	0.56	3.0	3	11	10	7	ne.	F. S. Griffith.	
Dresden.		2,731	17	32.2	+ 5.1	74	13	— 3	21	46	1.07	+ 0.18	0.50	5.0	3	16	5	7	nw.	Jacob Bock.	
Decatur.		1,537	7	33.8	74	12	1	21	52	4.0	.....	1.79	6.8	7	12	10	6	s.	Geo. Seitz.	
Ellsworth.		1,144	9	36.0	75	1	2	21	39	4.65	+ 3.55	1.49	7.6	9	14	4	10	s.	H. O. Wagner.		
Enterprise.		1,412	5	34.8	70	1	0	21	36	5.31	.....	1.61	11.0	9	14	3	11	s.	Geo. D. West.	
Eskridge.		2,850	10	33.9	+ 4.9	80	12	— 8	22	51	1.78	+ 1.05	0.55	6.9	7	17	3	8	n.	C. M. Jenison.	
Farngsworth.		857	36	39.9	+ 7.4	84	1	10	21	43	6.41	+ 4.45	3.30	14.0	9	18	1	9	sw.	E. A. Shaver.	
Fort Scott.		1,146	17	34.8	+ 7.6	66	1	6	21	44	5.65	+ 4.40	2.00	3.5	9	10	8	sw.	E. C. Dunham.		
Frankfort.		1,032	16	36.2	+ 6.6	78	1	7	21	40	5.82	1.72	11.5	10	13	6	9	s.	D. D. Judy.	
Garnett.		950	5	38.4	78	1	5	21	40	5.82	.....	0.50	9.0	6	21	0	7	n.	D. C. Calvert.	
Goodland.		3,687	4	31.6	66	1†	— 4	22	41	1.65	.....	0.75	5.0	6	15	5	8	ne.	Jesse Royer.	
Gove.		2,750	22	32.4	+ 3.5	79	12	— 3	21	54	1.32	+ 0.13	0.75	5.0	6	15	5	8	ne.	August Jaedicke, jr.	
Hanover.		1,225	14	34.6	68	12	5	21	40	5.36	+ 2.60	1.90	0.1	5	14	4	10	n.	Mahlon Tegley.		
Harrison.		1,804	10	33.2	+ 6.6	72	12	— 2	21	42	1.61	+ 0.69	0.65	0.2	5	20	2	6	n.	G. K. Heider.	
Hays.		2,000	43	33.9	+ 5.8	81	12	5	21	49	2.12	+ 1.27	1.02	5.0	6	15	9	5	nw.	I. R. Mort.	
Hill City.		2,134	3																Mrs. S. C. Belden.		
Horton.		1,188	22	34.2	+ 6.9	67	15	8	21	32	4.75	+ 3.58	1.55	4.5	9	12	5	11	n.	M. D. Gallogly.	
Hoxie.		2,700	13																C. A. Shinn.		
Jewell.		1,540	6															Prof. H. P. Cadby.			
Lawrence.		997	43	35.8	+ 5.7	72	1	7	21	36	5.46	+ 3.93	1.73	5.8	11	8	8	12	n.	Earl V. Bower.	
Lebanon.		1,812	13	33.4	+ 5.4	71	12	1	21	39	1.75	+ 1.02	0.87	2.0	5	22	0	6	n.	A. J. Fredrickson.	
Lindsborg.		1,333	5																R. M. Cauthorn.		
Mankato.		1,784	2	32.8	74	12	0	21	42	1.83	.....	0.71	2.0	5	13	5	10	n.	J. L. Steele.	
Minneapolis.		1,259	21	34.9	+ 6.9	72	1	6	21	36	5.02	+ 4.22	2.30	7.0	6	14	4	10	n.	C. J. Norton.	
Moran.		1,098	15	39.6	+ 9.8	83	1	10	20†	45	3.95	+ 2.40	1.75	9.0	10	13	5	10	s.	C. O. Hunt.	
Natoma.		1,834	2																Sim Steffel.		
Norton.		2,284	13	32.4	+ 5.0	71	12	— 6	20	42	0.81	+ 0.10	0.40	4.0	4	19	5	4	nw.	I. K. Huber.	
Oberlin.		2,539	24																J. A. Church.		
Olathe.		1,191	3	35.4	66	1	5	21	38	3.42	.....	2.02	6.2	6	10	7	12	n.	Dr. S. B. Wilson.	
Osage City.		1,032	16	36.2	+ 6.6	74	1	5	21	36	4.85	+ 3.31	1.33	8.0	9	13	3	12	n.	W. C. White.	
Ottoe.		1,081	12	36.4	74	15	6	21	44	4.52	+ 3.21	1.23	7.2	8	11 ^a	14 ^b	12 ^c	n.	H. F. McDougal.		
Franklin.		926	17																		

TABLE I.—*Climatological data for February, 1911. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.	Prevailing direction of wind.	Observers.				
				Mean.	Departure from the normal.	Highest.	Lowest.	Date.	Greatest daily range.	Total.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, .01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Missouri—Contd.</i>																		
Fulton.	Callaway.	818	20	37.3	+ 7.8	81	1	0	21	45	3.38	+ 1.31	2.25	12.0	9	13	7	w. ^a
Glasgow.	Howard.	618	33							2.01	+ 0.29	0.48	13.2	5	9	11	2	n.
Grant City.	North.	1,130	19	33.0		66	15	8	21	33	4.16	+ 3.14	1.28	3.5	7	12	4	nw.
Harrisonville\$.	Cass.	912	38	35.4	+ 8.4	77	1	8	21†	40	6.11	+ 4.01	1.10	8.0	10	15	0	nw.
Hazelhurst.	Livingston.		18							7.32	+ 5.89	2.50	6.0	10	10	13		
Hermann.	Gasconade.	482	36							2.82	+ 0.31	0.90	10.0	9	10	2	16	
Houston.	Texas.	1,280	19	-0.4	+ 7.1	83	1	4	22	50	3.30	+ 0.88	1.75	6.0	5	8	12	s.
Jefferson City\$.	Cole.	628	30	36.0	+ 5.2	84	1	8	22	46	3.58	+ 1.34	1.25	13.0	9	16	2	n.
Kansas City.	Jackson.	963	23	36.0	+ 6.1	72	15	10	21	-0	6.76	+ 5.17	2.08	12.3	11	12	5	n.
Kidder\$.	Caldwell.	1,017	21	33.4	+ 7.3	70	15	8	21	35	5.76	+ 4.33	2.10	10.0	8	13	3	nw.
Lamont.	Pettis.	863	23	37.3		80	1	2	21	44	3.83	+ 1.81	1.53	11.0	8	11	2	nw.
Lebanon.	Laclede.	1,265	23	41.2	+ 7.5	82	1	8	21†	59	4.38	+ 2.24	1.45	12.5	6	11	6	s.
Lexington\$.	Lafayette.	813	19	36.0	+ 7.4	75	1†	6	21	50	4.61	+ 2.60	1.16	10.5	10	16	1	n.
Liberty.	Clay.	864	23	37.2	+ 8.3	73	15	6	21	38	6.77	+ 5.13	2.30	14.0	8	14	8	nw.
Lockwood.	Dade.	1,088	18	41.8		84	1	13	22	55	4.63	+ 2.60	1.42	5.0	5	15	0	ne.
Marshall.	Saline.	779	21	36.8	+ 8.4	76	15	8	21	33 ^b	3.05	+ 1.12	1.35	12.0	6	14	6	nw.
Marshfield.	Ste. Genevieve.		1,92															
Maryville\$.	Nodaway.	1,100	21	30.6	+ 7.8	66	15	7	21†	38	4.22	+ 2.99	1.61	0	6	15	3	10
Mount Vernon.	Lawrence.	1,480	33	43.1	+ 10.0	80	15	13	22	38	3.32	+ 0.66	1.15	1.2	5	18	2	sw.
Nevada.	Vernon.	860	17								4.79	+ 2.86	2.92	1.7	7	12	8	sw.
Oregon.	Holt.	1,113	54	31.0	+ 3.0	65	15	3	21	36	4.36	+ 2.67	1.80	1.8	6	13	4	n.
Osceola.	St. Clair.		738															
Pattersonburg.	Davies.		1								5.31		2.13	2.1	8	13	0	nw.
Rolla.	Phelps.	1,092	30	-0.4	+ 4.3	84	1	8	21†	53	3.47	+ 1.06	1.0	10.6	9	15	4	ne.
St. Charles.	St. Charles.	614	32	39.0	+ 7.5	82	1	7	21	51	3.14	+ 0.16	0.91	12.0	6	12	4	s.
St. Joseph.	Buchanan.	967	39	34.2		69	15	9	21	37	6.19	+ 5.01	3.01	6.9	10	10	6	nw.
St. Louis.	St. Louis City.	567	38	38.4	+ 4.9	84	1	16	22	40	3.02	+ 0.27	0.97	13.0	6	10	7	nw.
Sublett.	Adair.	1,000	30	33.8	+ 9.6	66	1	8	22	34	2.87	+ 1.86	1.00	2.2	5	8	5	se.
Trenton.	Grundy.	812	16	34.6	+ 7.2	61	1	11	21	37	7.24	+ 5.89	2.86	2.8	11	12	4	n.
Unionville\$.	Putnam.	1,072	18	31.2	+ 7.2	64	14	7	21	35	7.45	+ 5.76	3.15	11.0	7	11	4	n.
Warrensburg.	Johnson.	883	32	38.3	+ 7.5	79	1	9	21	41	4.22	+ 2.13	1.24	10.0	9	14	3	sw.
Waukegan\$.	Waukegan.	865	21	36.0	+ 6.6	85	1	9	21†	47	3.19	+ 0.65	1.10	9.0	9	8	4	nw.
Warsaw.	Benton.	700	7	42.6		86	15	10	22	52	4.74		2.17	12.0	8	11	10	ne.
Wheatland.	Hickory.	920	19								3.70	+ 1.83	2.00	12.0	4	12	8	s.

^a, ^b, ^c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.^{*} Precipitation included in that of the next measurement.^{**} Temperature extremes are from observed readings of the dry bulb; means are computed from the observed readings.[†] Also on other dates.[‡] Separate dates of falls not recorded.[§] Data are from standard instruments not supplied by the U. S. Weather Bureau.^{||} Instruments are read in the morning; the maximum temperature then read is charged to preceding day, on which it almost always occurs.[¶] Estimated by observer.^{|||} Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for February, 1911. District No. 6, Missouri Valley.*

TABLE 2.—*Daily precipitation for February, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for February, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for February, 1911. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																												Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
<i>Colorado—Continued.</i>																																
Frys Ranch.	South Platte.	.15	.02	.04	.05								T.	T.	.09	T.	.04															0.85
Georgetown |||	do.	.06		T.									T.	T.	.35	.17	*.08	*.24													0.82	
Greeley.	do.																														0.88	
Grover.	do.																														0.34	
Hartsell.	do.	.01	.06	.04																											0.60	
Hawtorme.	do.																														1.38	
Holvore (near).	do.																														0.11	
Idaho Springs.	do.	.07																													0.05	
Keota.	do.																														0.15	
Laporte.	do.			T.																											2.13	
Leroy (near).	do.																														0.24	
Longmont |||	do.																														0.71	
Longs Peak (near).	do.																															
Lula Pass.	do.	.47		.45																											1.74	
Moraine.	do.	.10		T.		.05																								0.83		
Platte Canon.	do.																														0.78	
St. Cloud.	do.	.12				.05																									1.59	
Sedgwick.	do.																														0.10	
Sill Mine.	do.	.25	.27	T.	.45	T.	T.						T.	T.	T.	T.	.10	.05	.07	.15	T.									2.89		
Spicer (near).	North Platte.	.08		.14																											1.17	
Sterling.	South Platte.																														0.16	
Waterdale.	do.																														1.79	
Wray.	Republican.			.03																											0.77	
Yuma.	do.																														0.21	
<i>Nebraska.</i>																																
Ainsworth.	Niobrara.	.23		.46																											0.93	
Albion.	Loup.			.70																											1.24	
Alliance.	North Platte.			T.																											0.08	
Alma.	Republican.			.02																											0.65	
Anoka.	Niobrara.	1.40																													1.72	
Ashland.	Platte.	.56																													2.30	
Atkinson.	Elkhorn.																															
Auburn.	Little Nemaha.	.25																													3.00	
Beatrice.	Blue.	.10																													2.53	
Beaver City.	Republican.	.03																													1.83	
Bellevue.	Missouri.	.89	.01																												3.01	
Blair.	do.	.81	.09																												1.57	
Bloomfield.	do.	1.80																													2.70	
Bridgeport.	North Platte.																															
Broken Bow.	Loup.	.11	.02																												0.33	
Burge.	Niobrara.																														0.48	
Callaway.	Loup.																														0.75	
Cambridge.	Republican.			T.																											10	0.66
Canton (near).	North Platte.			T.																											15	0.35
Columbus.	Loup.	.54																													1.78	
Creighton.	Missouri.	1.19																													1.89	
Crete.	Blue.	.17																													2.17	
Culbertson.	Republican.			T.																											0.38	
Curtis.	do.	.30																													1.00	
David City.	Blue.	1.03																													1.50	
Dawson.	Great Nemaha.																														0.50	
Elsie.	Republican.																														0.95	
Ewing.	Elkhorn.	.90																													2.51	
Fairbury.	Blue.	11	T.																												1.89	
Fairmont.	do.																														1.75	
Fort Robinson.	Niobrara.	.15	.10																												12	0.97
Franklin.	Republican.			T.																											1.48	
Fremont.	Platte.	.55																													0.84	
Fullerton.	Loup.	.71																													1.73	
Geneva.	Blue.	.33																													1.46	
Genoa.	Loup.	1.00											T.	T.																0.03		
Gordon.	Niobrara.																														0.63	
Gosper.	Republican.	.04																													0.34	
Gothenburg.	Platte.	.02																													0.50	
Grand Island.	do.	.06																													0.42	
Grant.	Republican.	.02																													1.28	
Greeley.	Loup.	.70																													0.62	
Halsey.	do.	23																													1.89	
Hartington.	Missouri.	1.40																													0.82	
Harvard.	Blue.	.24		</																												

TABLE 2.—*Daily precipitation for February, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for February, 1911. District No. 6—Continued.*

TABLE 3.—Maximum and minimum temperatures at selected stations for February, 1911. District No. 6, Missouri Valley.

Date.	Wyoming.														Montana.													
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings. \$\$		Dillon.		Havre.		Helena.		Lewis-town.		Malta.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	36	10	48	25	46	25	46	22	46	16	48	31	16	2	29	22	10	2	39	26	-2	-18	11	-3	7	-13	-2	-12
2....	55	14	52	22	56	15	44	22	54	15	46	34	47	0	32	15	12	0	41	28	-9	-21	24	-5	2	-20	-7	-22
3....	41	16	45	21	59	12	49	15	42	16	41	15	34	2	21	10	38	-3	39	26	26	-21	31	17	33	-5	25	-26
4....	48	12	44	25	44	19	36	15	34	12	42	25	31	14	35	16	33	11	44	27	12	-2	30	18	41	28	13	-9
5....	41	29	43	22	45	25	47	16	42	10	40	26	42	24	32	12	43	8	42	26	11	-8	36	15	43	12	13	-3
6....	46	26	47	22	50	22	41	21	30	12	38	21	38	20	28	13	32	15	36	29	22	0	32	20	34	12	19	-6
7....	44	11	35	18	45	20	30	10	32	10	31	14	32	15	17	4	33	8	39	19	29	4	32	20	32	12	24	-5
8....	38	5	39	17	40	13	42	4	34	8	31	14	32	10	24	2	33	9	38	19	26	0	35	18	30	12	25	-9
9....	40	4	46	15	43	5	44	4	38	4	36	12	35	7	33	1	35	0	40	17	13	-6	27	14	41	6	12	-16
10....	46	10	52	19	56	10	43	9	40	16	24	13	32	10	45	0	44	24	33	-1	32	14	43	15	22	-10		
11....	54	14	56	22	64	19	50	15	51	20	47	22	52	16	36	15	40	7	42	22	-4	45	17	58	17	20	-8	
12....	56	21	52	27	59	19	44	14	52	25	45	21	49	12	29	16	40	6	38	26	32	7	37	25	40	22	35	
13....	49	15	46	22	52	19	40	14	48	16	44	20	44	15	26	18	41	15	37	22	37	7	34	20	40	24	28	
14....	44	21	47	21	48	19	31	21	40	18	36	22	33	25	24	2	38	19	39	20	28	10	30	14	32	15	27	
15....	36	19	29	17	38	14	27	4	36	20	29	14	30	15	24	0	39	10	36	6	13	4	30	16	32	7	15	
16....	32	10	28	20	33	24	29	0	32	18	25	18	34	11	20	-3	35	8	37	11	25	-12	29	15	32	14	19	-13
17....	38	-1	34	18	40	16	31	-9	40	10	26	-4	34	8	27	-7	43	6	40	14	20	0	25	11	27	7	13	-10
18....	41	11	25	16	24	10	33	4	30	10	24	-4	27	12	25	6	20	5	38	20	14	-1	30	12	29	11	11	-14
19....	35	11	16	8	25	9	22	12	24	10	25	11	22	14	15	2	17	10	29	12	7	-11	20	4	21	4	7	-12
20....	26	7	15	0	26	8	20	0	20	2	18	3	22	1	18	0	16	6	38	6	11	-6	18	3	20	8	8	-15
Mns.	39.6	9.9	35.5	14.2	41.0	13.5	31.6	5.4	36.1	11.8	32.6	13.2	32.7	8.2	25.2	4.1	30.8	5.0	38.3	16.0	17.9	-7.2	26.4	10.0	32.3	6.8	15.8	-11.0
Montana.		North Dakota.		South Dakota.																								
Date.	Miles City.	Poplar.	Berthold Agency.	Bismarck.	Dickinson.	Jamestown.	Williston.	Aberdeen. §§	Huron.	Kadoka.	Kimball.	Lemmon.	Pierre.	Rapid City.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	7	-4	7	-7	8	-10	9	-12	17	8	12	-9	-5	-17	20	17	38	-2	48	11	.....	29	-4	36	2	33	6	
2....	0	-6	-1	-20	5	-24	9	-15	17	-9	-16	-4	-23	24	-9	28	-6	52	1	.....	21	-9	50	-1	56	5		
3....	29	-11	25	-20	20	-22	23	-14	22	-22	-9	-14	20	-20	20	-8	20	-4	41	-2	.....	28	-9	38	-2	40	0	
4....	24	13	17	-7	20	-11	8	-9	13	-16	-5	-9	4	-12	8	2	19	8	39	14	25	6	26	11	40	14		
5....	20	7	17	-5	5	-12	9	-11	9	-10	3	-16	5	-5	10	-6	15	8	26	0	18	12	-1	18	9	20	8	
6....	28	2	18	-7	24	0	18	6	19	-8	11	-3	15	-1	18	0	16	2	40	-1	18	3	25	3	20	1	51	5
7....	33	8	22	-5	25	8	25	11	21	8	15	8	19	9	32	-4	31	11	39	13	32	15	38	15	37	17		
8....	36	8	22	0	20	-2	27	7	25	7	19	11	22	6	35	-6	32	-1	40	12	34	14	31	11	42	13	38	16
9....	22	0	14	-15	25	-9	19	-1	20	-4	19	-6	16	-7	20	-5	18	0	35	9	25	3	31	4	32	11	39	12
10....	36	-2	27	-8	27	-2	25	3	28	4	20	-10	26	0	27	-9	28	-4	57	15	33	3	40	8	37	10	57	17
11....	28	8	20	-7	29	-11	22	0	37	3	19	3	27	2	33	-3	32	2	.....	37	13	42	14	36	8	60	24	
12....	38	4	34	3	27	-2	26	12	33	4	33	2	28	8	35	-3	36	16	59	20	41	23	55	17	58	11	56	27
13....	30	6	29	12	37	-5	30	6	40	5	38	3	33	3	38	15	32	15	52	19	45	23	42	18	40	22	47	19
14....	36	15	33	9	30	5	26	8	30	13	30	0	31	4	32	10	32	8	44	22	30	12	35	18	36	16	39	22
15....	24	6	21	0	25	5	24	-3	28	9	32	18	20	5	37	15	35	21	36	27	34	28	19	33	21	31	22	
16....	30	-2	18	-15	25	-13	20	-9	35	-8	25	-5	26	-5	23	8	25	13	29	20	33	19	27	8	24	19	32	26
17....	30	-3	19	-11	20	-16	20	-5	28	2	14	-2	12	-6	33	2	34	1	31	14	39	15	34	5	34	16	46	23
18....	16	0	9	-20	12	-19	11	-11	13	-17	6	-8	2	-19	20	-10	14	3	33	9	32	8	27	3	20	5	27	15
19....	14	-3	10	-20	8	-19	6	-16	8	-16	2	-12	6	-17	14	-8	8	-8	22	6	15	2	19	3	14	1	25	12
20....	8	-8	9	-24	8	-16	9	-8	8	-16	-2	-13	2	-21	20	-10	8	-9	18	-3	14	0	12	0	19	4	4	
21....	12	-11	5	-26	18	-15	16	-7	15	-11	8	-10	10	-17	21	-13	21	-11	26	-5	19	-11	26	-2	24	-3	29	0
22....	24	-4	18	-24	26	-15	23	-4	39	-10	30	-6	15	-13	29	2	24	5	36	7	27	2	37	6	28	5	35	13
23....	24	-6	18	-21	32	-22	29	-9	30	-7	34	-1	20	-11	37	3	37	7	47	13	37	17	44	10	44	5	42	12
24....	36	-4	28	-12	38	-4	39	7	45	5	38	15	34	5	42	8	38	9	57	14	40	14	49	14	56	18	57	15
25....	28	6	24	3	30	-4	32	6	31	9	32	5	28	-6	32	12	31	23	39	23	35	20	41	17	41	22	37	21
26....	19	-3	23	0	21	-4	18	-5	24	-2	29	4	14	4	21	9	23	8	28	8	30	14	25	5	24	15	21	13
27....	14	0	24	-4	20	-22	12																					

MONTHLY WEATHER REVIEW.

FEBRUARY, 1911

TABLE 3.—Maximum and minimum temperatures at selected stations for February, 1911. District No. 6—Continued.

Date.	South Dakota.				Colorado.				Nebraska.																			
	Sioux Falls.		Watertown.		Yankton.		Denver.		Wray.		Alma.		Bridgeport.		Grand Island.		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		Omaha.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.	43	5	34	-1	43	4	55	32	64	36	61	29	49	33	50	36	50	23	67	37	56	20	55	23	42	12	49	16
2.	25	7	22	-10	33	0	60	25	61	16	46	11	55	26	40	10	53	13	40	12	52	15	34	6	32	7	32	7
3.	37	10	20	-6	31	2	62	36	58	16	55	17	53	20	36	18	48	12	35	19	33	20	50	20	27	7	29	18
4.	34	20	14	-2	29	13	53	31	45	21	48	16	46	29	38	16	44	16	42	15	37	20	41	19	32	10	35	19
5.	20	8	10	-5	21	15	53	26	51	26	39	32	37	24	34	30	37	15	38	32	34	23	33	19	25	14	32	24
6.	26	9	20	5	20	6	54	24	58	15	42	12	58	16	38	2	52	12	37	19	49	18	20	2	25	18	32	21
7.	29	10	32	13	32	16	48	20	47	15	47	13	37	18	35	10	47	18	43	16	36	18	45	19	31	11	32	21
8.	33	6	32	7	36	10	45	15	48	7	54	11	44	7	47	15	38	12	50	13	48	19	48	14	35	3	42	20
9.	26	7	24	3	23	2	56	17	56	6	50	12	50	6	35	17	47	10	42	15	32	19	51	13	23	2	31	18
10.	28	5	26	0	41	-2	58	23	66	12	63	20	59	10	68	21	59	17	58	20	58	15	41	-2	47	16	36	16
11.	41	16	38	9	43	25	63	27	70	16	62	23	66	12	59	32	61	18	49	40	50	38	64	18	42	32	47	38
12.	38	28	33	26	44	32	62	36	71	22	71	29	63	15	68	49	63	32	70	34	65	38	70	20	42	31	50	36
13.	39	29	40	22	38	29	50	28	57	35	52	41	55	15	40	34	58	25	40	36	53	34	54	28	36	27	46	34
14.	47	30	36	22	38	26	57	28	62	26	53	15	55	17	60	24	56	13	57	26	48	30	62	21	38	19	45	32
15.	37	28	32	29	35	31	33	25	48	28	53	26	40	25	41	30	35	25	49	37	51	35	40	28	35	27	53	36
16.	36	28	32	20	33	27	29	25	38	27	40	32	32	25	34	31	31	23	38	34	31	26	33	30	39	35	35	35
17.	34	20	36	20	30	25	38	26	43	24	34	28	43	22	30	28	40	17	34	32	34	32	38	22	31	26	35	32
18.	32	9	22	5	26	14	28	20	39	9	34	26	34	10	41	20	38	10	35	30	36	25	32	17	26	14	34	25
19.	24	5	18	0	16	1	20	10	28	5	26	16	30	11	21	11	24	8	30	17	25	15	24	11	16	6	25	16
20.	20	2	13	-5	13	-3	16	0	36	-2	22	5	24	-2	15	4	20	5	24	8	22	9	25	7	1	20	8	20
21.	15	7	25	-8	17	-7	11	0	38	-3	27	1	30	-2	22	2	24	3	24	4	27	-2	19	-5	24	5	24	5
22.	29	8	30	5	26	10	20	-2	46	3	37	3	36	3	34	18	32	-1	39	14	37	18	37	1	28	11	35	16
23.	36	10	38	5	34	7	34	0	48	6	42	12	42	-1	40	12	37	-1	40	15	39	13	45	6	35	2	38	15
24.	45	12	42	17	48	19	36	11	48	18	52	16	55	18	51	4	53	19	55	24	50	9	46	13	54	13	54	26
25.	38	15	44	24	42	29	39	21	36	17	48	26	50	-	47	31	49	20	47	30	46	31	47	18	42	26	44	33
26.	26	6	27	8	32	16	26	15	26	14	35	24	29	-	41	21	28	13	35	26	34	22	29	16	26	17	34	22
27.	27	3	20	-2	23	7	18	6	19	14	26	18	25	17	35	13	23	6	26	18	23	17	28	14	21	10	23	14
28.	38	12	24	2	33	10	25	9	32	11	26	15	29	11	31	13	30	6	27	20	30	18	31	16	30	9	30	18
Mns.	32.2	12.7	28.0	7.4	31.4	13.0	41.0	19.1	47.4	15.7	44.1	18.9	43.8	17.6	40.4	20.1	42.0	13.0	41.8	22.6	39.6	22.3	43.4	16.1	31.1	12.9	36.8	22.1
Date.	Nebraska.		Iowa.				Kansas.												Missouri.									
	Valentine.		Clarinda.		Sibley.		Sioux City.		Colby.		Concordia.		Salina.		Topeka.		Wakeeney.		Columbia.		Kansas City.		St. Louis.		Unionville.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.	47	9	50	34	45	28	44	6	65	36	70	30	73	40	68	30	67	37	81	33	71	31	84	44	63	30	80	30
2.	54	8	22	8	26	-1	26	1	67	15	42	16	40	16	38	18	51	11	38	19	47	24	34	14	44	14	44	14
3.	41	3	42	8	20	-1	25	6	57	20	43	20	60	17	50	26	60	18	54	30	51	27	45	28	43	12	44	12
4.	38	15	42	14	26	7	31	15	50	23	44	20	48	18	43	24	51	18	41	21	41	24	44	18	44	18	44	18
5.	25	10	28	14	15	10	22	17	51	21	59	26	63	40	62	34	51	29	46	31	47	33	39	32	32	20	32	
6.	42	0	30	18	25	9	21	14	59	10	39	20	53	15	35	25	40	12	43	28	36	25	42	28	34	18	34	
7.	40	17	35	20	30	10	30	15	65	6	45	29	48	19	42	23	40	15	41	26	38	24	39	28	45	22	45	
8.	42	15	43	8	35	-1	35	8	67	9	50	13	51	11	49	22	54	12	46	21	47	34	40	26	40	12	44	
9.	36	11	31	13	20	-1	24	5	59	9	47	22	47	11	41	27	50	15	40	22	41	30	41	29	30	14	34	
10.	60	20	48	13	33	-6	42	-2	64	14	60	22	58	20	56	22	58	22	47	17	54	21	39	21	40	8	32	
11.	64	24	48	14	43	2	44	34	75	18	54	39	50	23	43	37	67	30	48	33	43	38	46	34	47	12	44	
12.	66	28	47	38	37	5	40	32	83	22	71	39	63	40	58	42	78	34	54	40	57	39	44	34	44	34	44	
13.	48	22	50	38	36	32	38	31	65	35	54	36	60	41	55	40	71	39	64	42	58	44	58	39	52	38	48	
14.	53	21	47	32	38	29	40	31	62	28	58	30	59	33	58	27	54	37	57	36	58	42	64	42	64	36	64	
15.	35	26	64	32	34	30	40	24	52	24	57	35	71	46	55	29	78	36	72	41	69	38	62	32	62	32	62	
16.	26	23	36	35	33	30	34	33	35	28	42	36	50	38	59	41												